



Thinvent Aero Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: AERO-I5_12-16-S256-12_5-M-11V-0



Unleash unparalleled power in a remarkably compact form.

Experience revolutionary performance with the Thinvent® Aero Mini PC, featuring the Intel® Core™ i5-1250P processor. This powerhouse boasts 12 cores, speeds up to 4.4 GHz, and 12 MB cache, ensuring seamless multitasking and robust handling of demanding applications. Paired with a generous 16GB DDR4 RAM and an ultra-fast 1TB SSD, enjoy instant boot-ups, lightning-quick data access, and abundant storage for all your critical operations.

Designed for peak efficiency and reliability, the Aero Mini PC integrates effortlessly into any professional environment.

Key Advantages

- Blazing-fast 12-core Intel Core i5 processing for superior performance.
- Massive 1TB SSD storage and 16GB RAM for rapid operations and ample space.

- Comprehensive connectivity including 2x USB 3.2, 6x USB 2.0, 1x Front USB C, Gigabit Ethernet, and dual-band Wi-Fi 5 for versatile networking.
- Dual display support with HDMI and VGA ports enhances productivity.
- Robust steel and ABS plastic housing, powder-coated in sleek black, ensures long-term durability.
- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering industrial-grade security and extended support.
- Compact dimensions (198mm × 187mm × 40mm) for discreet and space-saving deployment.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

Power your operations with a reliable, high-performance solution built for the future.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 35°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	198mm × 187mm × 40mm
Housing Material	Steel and ABS Plastic
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.62kg, 1.62kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

Aero-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	S32 = 32GB MLC		S128 = 128GB	
	S256 = 256GB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	Thinix = Thinix™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		KM = Keyboard and Mouse set	
	MK = Mechanical Keyboard		Mo = Wired Optical Scroll Mouse	

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